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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 3497-98 Press / ~~Mis.~~

28-25.

Dated 2 · 11 18 89.

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No. 23. Read the following letter from the Acting Deputy Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 30th September 1869, No. 325 :—

I HAVE the honour to forward the Budget Estimate for 1870-71 of State Expenditure, and of expenditure from Guaranteed Capital, on the Madras and Great Southern of India Railways, and of revenue receipts and expenditure on both those railways, with the Indian Tramway Company's line added thereto.

Controlling Establishment.

2. CONTROLLING ESTABLISHMENT.—The estimate for the establishment of control is Rupees 200 in excess of the estimate for 1869-70. This is on account of the Examiner of Railway Accounts having drawn his increased salary for ten months only of 1869-70.

Compensation for Land.

3. COMPENSATION FOR LAND.—The total estimated amount for compensation to be paid for land for each railway is as follows :—

		RS.
Madras Railway.	South-West Line	1,13,450
	North-West Line	3,400
Great Southern of India Railway		21,450
	Total	1,38,300

4. On account of the South-West Line of the Madras Railway, the expenditure will be chiefly for land required for the Neilgherry Branch, and on the Great Southern of India Railway, for altering the curve at the 78th mile.

Madras Railway.

Advances, 1870-71.

5. The total estimated outlay for 1870-71 from Guaranteed Capital stands as follows :—

	South-West Line.	North-West Line.	Total.
Gross Advances	24,47,000	23,40,000	47,87,000
Less Refunds	9,40,000	3,50,000	12,90,000
Net Advances	15,07,000	19,90,000	34,97,000

Regular Estimate, 1869-70.

6. The regular estimate for the current year, deducting the amount of probable credits to the capital account, for sale proceeds of stores, and value of stores used on revenue purposes, is set down as follows :—

	RS.
South-West Line	5,50,000
North-West Line	16,35,000

7. This is estimated, with a very slight alteration, on the actual payments made during the past five months (April to August).

8. The expenditure on the Neilgherry Branch will absorb more than one-third of the estimated outlay on the South-West Line during 1870-71. The balance will be expended chiefly on additional rolling stock, the Central station at Madras, the Kuddlehoondy bridge, and on new works at the Locomotive shops at Perambore.

Chief items of expenditure upon the South-West Line in 1870-71.

9. The expenditure during 1870-71 upon the North-West Line, will be chiefly incurred on the branch line to Bellary, which it is hoped will be completed during that official year, and in the prosecution of the works from Ghooty towards the Raichore junction. The maintenance charges, for the following portions of the line, will be debited to capital during the year.

Chief items of expenditure upon the North-West Line in 1870-71.

From Moodanoor to Tadputri (thirty-two miles) for six months.
Do. Tadputri to Ghooty (thirty miles) full year.

10. As vigorous measures will be adopted during the course of the next official year to open the line to the Raichore junction, the probable expenditure during 1870-71 is expected to exceed the allotment made in the current year's Budget.

11. The working expenses of the South-West and North-West Lines for the last five half-years have been as follows :—

Working Expenses.

	South-West Line.	North-West Line.
First-half of 1867	44·02	31·39
Second do.	46·00	40·47
First do. of 1868	42·95	31·27
Second do.	44·93	37·72
First do. of 1869	...	...

12. The Railway authorities have estimated the working expenses for 1870-71 for the South-West and North-West Lines, at 53·04 for the former, and 38·05 for the latter; but, taking the per-centages for the last five half-years as they stand above those for the ensuing official year for the South-West Line may safely be taken at 45·00. The per-centages of the North-West Line may be taken in round figures at 38·00.

13. The Railway authorities have estimated the gross earnings during 1870-71 at Rupees 45,00,000 South-West Line, Rupees 19,50,000 North-West Line; but considering that the gross earnings realized from April to August 1869 amounted to Rupees 18,89,878 South-West Line, and Rupees 7,33,660 North-West Line, it may fairly be assumed that the gross revenue during the year will amount in round numbers to Rupees 47,00,000 South-West Line, Rupees 20,00,000 North-West Line, as some expansion of traffic on the lines may be expected, more particularly on the North-West Line, where a further length of thirty miles has been opened. The conveyance of material to the Neilgherry Branch will also tend to increase the

Gross Earnings, 1870-71.

revenue of the South-West Line. These figures are accordingly entered in the estimate.

Great Southern of India Railway.

14. The estimate of expenditure on the Great Southern of India Railway, as furnished by the Agent, amounts to ... ...

	RS.
	2,38,000
Less Refunds	1,85,000
Net	53,000

Advances, 1870-71.

this, as compared with the Indian Expenditure for 1869-70, is less by Rupees 2,22,000, and the estimate has been accepted.

15. The Government of India estimated Rupees 8,00,000 as the gross receipts for 1869-70. The regular estimate submitted by the Agent amounts to Rupees 7,42,560, which appears to have been calculated on the traffic earnings for the first five months of the current year (April to August), but allowing for some increase of traffic, Rupees 8,00,000 may safely be taken as the probable amount of the gross earnings.

Regular Estimate, 1869-70.

16. The revenue receipts during 1870-71 are estimated by the Railway authorities at Rupees 9,00,000 which is accepted.

Gross Earnings, 1870-71.

17. The working expenses for 1870-71 are calculated at fifty per cent. of the gross earnings, and, as it is known that during the first-half of the current year they have been much higher than usual, the estimate of the Agent is taken.

Working Expenses.

Indian Tramway Company.

18. The Guaranteed Capital of the Indian Tramway Company's line is exhausted.

19. The gross earnings during 1870-71 are estimated at Rupees 55,000; the working expenses at 43,000.

Gross Earnings, 1870-71.
Working Expenses, 1870-71.

20. The regular estimate of revenue for 1869-70 is entered at Rupees 55,000, computed from the results of the past five months; and the working expenses at Rupees 45,000.*

Regular Estimate, 1869-70.
Working Expenses, 1869-70.
* 81·82, per cent. of gross earnings.

21. The amounts requiring the sanction of the Government of India are as follow :—

State Expenditure.

	RS.
Controlling Establishment (in round numbers)	65,400
For purchase of land...	1,38,300
	2,03,700

Expenditure from Guaranteed Capital in India.

Madras Railway.	South-West Line	24,47,000
	North-West Line	23,40,000
Great Southern of India Railway		2,38,000
		50,25,000

		RS.
Deduct receipts by sale of Stores, &c., to be credited to capital		14,75,000
	Balance ...	35,50,000

The traffic earnings will be from the—

		RS.
Madras Railway. South-West Line	...	47,00,000
Madras Railway. North-West Line	...	20,00,000
Great Southern of India Railway	...	9,00,000
Indian Tramway Company...	...	55,000
		76,55,000
Deduct working expenses on all the railways...	...	33,68,000
	Net Revenue ...	42,87,000

MADRAS RAILWAY.

Detail of Estimate of State Expenditure on account of Railways for the year 1870-71.

ABSTRACT.

	RS.
I.—Establishment (in round numbers)...	65,400
II.—Purchase of land	1,38,300
Total ...	2,03,700

Number. 1869-70.	Number. 1870-71.	Particulars.	Salary of Office. Minimum.	Annual Increment.	Maximum.	Estimate, 1870-71. Per Mensem.	Per Annum.	Total.	Estimate, 1869-70. Charges per Annum.
					RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	1	Consulting Engineer for Railways RS. 1,860	...	...	2,000 0 0	2,000 0 0	24,000 0 0	24,000 0 0	24,000 0 0
		Military Pay Proper 140							
	1	Deputy Consulting Engineer for Railways... 600							
		Military Allowance 293⅓	...	...	1,093 10 0	1,093 10 0	13,123 8 0	13,123 8 0	13,123 8 0
		House-rent 60							
		Military Pay Proper 140							
	1	Examiner Railway Accounts ... 500							
		Military Allowances, Staff Corps pay 374 1/16	...	...	949 1 0	949 1 0	11,388 8 0	11,388 8 0	11,188 8 0
		House-rent 75	...	...	300 0 0	300 0 0	3,600 0 0	3,600 0 0	3,600 0 0
	1	Uncovenanted Assistant...	...	...	250 0 0	250 0 0	3,000 0 0	3,000 0 0	3,000 0 0
	1	Second grade Accountant	...	...	105 0 0	105 0 0	1,260 0 0	1,260 0 0	1,260 0 0
	2	Clerks 35 and 70 rupees	...	...	200 0 0	200 0 0	2,400 0 0	2,400 0 0	2,520 0 0
	3	Accountants 40, 60, and 100 rupees ...	...	...	50 0 0	50 0 0	600 0 0	600 0 0	480 0 0
	1	Draughtsman	...	...	71 8 0	71 8 0	858 0 0	858 0 0	858 0 0
	10	Peons and others, one at Rupees 5, eight at Rupees 7, and one at 10½	...	...	63 12 0	63 12 0	765 0 0	765 0 0	765 0 0
		House-rent	...	...					
		Add for Travelling Allowances of Consulting Engineer, Deputy Consulting Engineer, and Examiner of Railway Accounts.	...	...	350 0 0 15 0 0	350 0 0 15 0 0	4,200 0 0 180 0 0	4,200 0 0 180 0 0	4,200 0 0 180 0 0
		Office Expenses and Contingencies ...	...	...					
		Total...	...	...	5,447 15 0	5,447 15 0	65,375 0 0	65,375 0 0	65,175 0 0

(Signed) J. G. LINDSAY, Captain R. E.,
Actg. Depy. Consg. Engr. for Railways.

MADRAS,
30th September 1869.

II.—PURCHASE OF LAND.

No. of Item.	Particulars.				Amount of Estimate.	Computed payments to 31st March 1870.	Estimate, 1870-71.
	Madras Railway, South-West Line.				RS.	RS.	RS.
	Madras District				2,000	.....	2,000
	North Arcot do.				200	.....	200
	Salem				2,728	2,728	(a) 2,750
	(a) Compensation for lands taken up for railway purposes ...	RS. 482	A. 2	P. 9			
	Do. loss of crops on the above land	4	12	6			
	For reclaiming certain portions of lands which have become unfit for cultivation by the other portions being taken for railway purposes ...	180	14	7			
	On account of loss of revenue owing to the parties not having been put in possession of the lands to be given in exchange for that taken up for railway purposes ...	2,082	2	2			
	Total ...	2,750	0	0			
	Neilgherry Branch.						
	Coimbatore				1,08,500	.....	(b) 1,08,500
	(b) From Poothanoor Railway Station to Coimbatore, four miles, through paddy fields and garden (orchard) lands.	38,500	0	0			
	From Coimbatore to Goodalore through garden lands and valuable punjah cultivation, eleven miles	20,931	0	0			
	From Goodalore to Karamuday through garden lands and valuable punjah cultivation, five miles	7,134	0	0			
	From Karamuday to Meetapolliem through punjah cultivation, seven miles	3,330	0	0			
	From Metapolliem to Kunniamar Covil through punjah cultivation, two miles ...	714	0	0			
	From Kunniamar Covil to the foot of the Neilgherries through paddy fields and orchard lands, three miles ...	28,875	0	0			
	For ten garden wells at an average rate of Rs. 400 each.	4,000	0	0			
	For station grounds	5,000	0	0			
	Total ...	1,08,484	0	0			
	or in round numbers ...	1,08,500	0	0	1,13,428	2,728	1,13,450

Proceedings of the Madras Government, Public Works Department, 2nd November 1869.

No. of Item.	Particulars.				Amount of Estimate.	Computed payments to 31st March 1870.	Estimate, 1870-71.
	North-West Line.				RS.	RS.	RS.
	North Arcot				400	.....	400
	Cuddapah				3,000	1,000	(c) 2,000
	(c) Undisbursed portion of compensation likely to be required for lands taken up for railways from district 3 to 9	2,000	0	0	4,978	500	1,000
	Bellary						
	Total ...				8,378	1,500	3,400
	Great Southern of India Railway.						
	Trichinopoly				10,000	7,000	(d) 8,000
	(d) Forty-two miles of land, on an average sixty-two yards wide, for the Great Southern of India Railway, Erode Extension	8,000	0	0	1,59,955	1,59,955	13,450
	Tanjore						
	Total ...				1,69,955	1,66,955	21,450

Summary.

	RS.
South-West Line, including Neilgherry Branch ...	1,13,450
North-West Line	3,400
Great Southern of India Railway	21,450

(Signed) J. G. LINDSAY, Captain, R.E.,
Actg. Depy. Consg. Engr. for Railways.

APPENDIX C.

Estimate of Railway Transactions as Disbursements or Receipts of the Public Works Department for 1870-71.

I.—Expenditure from Guaranteed Capital.

	1870-71.			1869-70.	Regular Estimate, 1869-70.
	English.	Indian.	Total.		
MADRAS RAILWAY.	Rs.	Rs.	Rs.	Rs.	Rs.
SOUTH-WEST LINE, INCLUDING BANGALORE BRANCH.					
Payments from Government Treasuries—					
1. Cash advances for Construction	19,18,000	24,47,000	24,47,000	.....	15,40,000
2. Customs duty on Stores	.....	27,000	.....	.....	.....
3. Payments to Revenue	.....	.....	.....	.....	.....
Receipts into Government Treasuries—					
1. Shares paid in India	.....	.....	.....	.....	.....
2. Refunds, &c.	.....	1,80,000	.....	.....	9,90,000
3. Sale proceeds of Stores	.....	7,60,000			
4. Payments from Revenue			9,40,000		
Net Payment from Government Treasuries	.....	.....	15,07,000	5,00,000	5,50,000
NORTH-WEST LINE.					
Payments from Government Treasuries—					
1. Cash advances for Construction	11,62,000	23,40,000	.....	.....	19,95,000
2. Customs duty on Stores	.....	.....	.....	.....	.....
3. Payments to Revenue	.....	.....	23,40,000	.....	.....
Receipts into Government Treasuries—					
1. Shares paid in India	.....	.....	.....	.....	.....
2. Refunds, &c.	.....	30,000	.....	.....	3,60,000
3. Sale proceeds of Stores	.....	3,20,000	.....	.....	
4. Payments from Revenue			3,50,000	.....	.....
Net Payment from Government Treasuries	.....	.....	19,90,000	18,00,000	16,35,000
GREAT SOUTHERN OF INDIA RAILWAY.					
Payments from Government Treasuries—					
1. Cash advances for Construction	.....	2,38,000	2,38,000	.....	4,43,000
2. Customs duty on Stores	.....	8,000	.....	.....	.....
3. Payments to Revenue	.....	9,000	.....	.....	.....
Receipts into Government Treasuries—					
1. Shares paid in India	.....	.....	.....	.....	.....
2. Refunds, &c.	.....	5,000	.....	.....	1,85,000
3. Sale proceeds of Stores	.....	1,80,000	.....	.....	
4. Payments from Revenue	.....		1,85,000	.....	
Net Payments from Government Treasuries	.....	.....	53,000	2,75,000	2,58,000

II.—Revenue Account.

	Gross Earnings.			Working Expenses.			Net Revenue.			Per-centage of Working Expenses.		
	1870-71.	1869-70.		1870-71.	1869-70.		1870-71.	1869-70.		1870-71.	1869 70.	
		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
Madras Railway.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
South-West Line, including Bangalore Branch	47,00,000	48,00,000	46,00,000	21,15,000	23,00,000	21,62,000	25,85,000	25,00,000	24,38,000	45·00	48·00	47·00
North-West Line	20,00,000	20,00,000	18,00,000	7,60,000	8,00,000	6,00,000	12,40,000	12,00,000	12,00,000	38·00	40·00	33
Great Southern of India Railway	9,00,000	8,00,000	8,00,000	4,50,000	4,00,000	4,00,000	4,50,000	4,00,000	4,00,000	50·00	50·00	50·00
Indian Tramway Company	55,000	48,000	55,000	43,000	43,000	45,000	12,000	5,000	10,000	78·18	89·58	81·82

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MADRAS,
30th September 1869.

(Signed) J. G. LINDSAY, Captain, R. E.,
Acting Deputy Consulting Engineer for Railways.

FORM A.

Name of Work, Location, &c.	Amount of Estimate. Indian outlay.	English outlay.	Total.	Brief Particulars of the Work, its Object, &c.
	RS.	RS.	RS.	
Madras Terminal Station.				
Engine-shed, Tank-house, &c.	27,204	13,046	40,250	These are extra works which will be required by the Locomotive Department at this station to meet increased traffic.
Perambore Works.				
Additional Permanent-way	3,343	30,000	33,343	Extra lines required for standing-room.
New Smithy	10,895	6,105	17,000	A necessary work in connection with the Locomotive Shops.
1st Division, South-West Line.				
Renewing smaller openings of Palaur bridge with girders ...	32,350	36,431	68,781	Arches defective—Proposed to take them down and substitute girders.
2nd Division, South-West Line, Bangalore Branch.				
Two sidings, each 500 feet long, at Jollarpett... ...	3,392	7,731	11,123	To provide for increase of traffic.
Salt Godown and Lay-bye at Colar Road.	6,708	5,771	12,479	Do. do.
Goods-shed and siding at Cadgody	11,135	6,747	17,882	Do. do.
3rd and 4th Divisions, South-West Line.				
Renewing iron road between Erode and Beypore with pot sleepers.	.....	6,28,111	6,28,111	It is proposed to relay the entire line with an iron road.—The English outlay falls on both capital and revenue in the proportion laid down in G. Os. of Madras, Nos. 155 and 495 of 23rd March and 27th August 1860. The Indian outlay will be entirely to revenue.
Electric Telegraph.				
Renewing 410 miles of wooden poles with galvanized iron poles from Madras to Beypore.	1,19,960	2,82,250	4,02,210	* Iron poles are proposed, in substitution of wood.
Madras Central Station.				
Watering arrangements	11,028	5,732	16,760	To provide for the necessary sanitary arrangements.
1st Division, North-West Line.				
Watering arrangements at Tripetty	9,800	200	10,000	Present supply of water insufficient.
Do. at Reddipully	7,802	2,698	10,500	Do.
Do. at Wontimettah	7,802	2,698	10,500	No watering arrangements in existence at this station.

* Here the improvement, that is the difference between the cost of a teak wood and an iron post, will be a charge to Capital, and the Indian outlay, as far as labour and carriage are concerned, to Revenue.

FORM B.

Budget Estimate of Expenditure out of Guaranteed Capital on the South-West Line, Madras Railway, during 1870-71.

Nature of Work. Detail of works on the open line estimated to cost more than Rupees 10,000.	No. and date of sanction.	Amount of Estimate, Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
		RS.	RS.	RS.	RS.
Madras Terminal Station.					
Engine-shed, Tank-house, &c.	Unsanctioned	27,204	.....	27,204	
Salt Cotaur Branch.					
Traffic Requirements	Sch. 2—27th Nov. 1868.	42,277	39,034	3,243	
Perambore Works.					
Locomotive requirements	Sch. 2—23rd Sept. 1868.	35,032	33,280	1,752	
Store-shed	,, 2—7th May 1869.	11,312	5,656	5,656	
Renewing roof of Timber-shed	,, 2—31st Mar. ,,	12,335	6,168	6,167	
Extension of Engine-erecting and Boilers shop	,, 2—Pending sanction.	83,075	41,538	41,537	
Additional Permanent-way	Unsanctioned	3,343	.....	3,343	
New Smithy	Do.	10,895	.....	10,895	
2nd Division, South-West Line, Bangalore Branch.					
Dwelling houses required for the Native Staff of the Traffic Department at Jollarpett	Sch. 2—5th Jan. 1869.	22,194	19,975	2,219	
Protective works to culverts and bridges, Bangalore Branch ...	,, 2—27th Oct. 1868.	30,502	27,452	3,050	
Two sidings, each 500 feet long, at Jollarpett...	Unsanctioned	3,392	.....	3,392	
Salt Godown and Lay-bye at Colar Road	Do.	6,708	.....	6,708	
Goods-shed and siding at Cadgody	Do.	11,135	.....	11,135	
3rd Division, South-West Line.					
Circular Engine-shed at Coimbatore	Sch. 2—3rd Dec. 1866.	36,386	34,566	1,820	
Additional siding required by the Traffic Department at Coimbatore ...	,, 2—16th Feb. 1869.	4,161	3,745	416	
4th Division, South-West Line.					
Kuddlehoondy bridge	Sch. 2—7th May. 1869.	2,02,917	1,44,937	57,980	
Introducing two additional strands into the wire fencing	,, 2—4th Aug. 1868.	7,437	7,065	372	

Budget Estimate of Expenditure out of Guaranteed Capital on the South-West Line, Madras Railway, during 1870-71.—(Concluded.)

Nature of Work.	No. and date of sanction.	Amount of Estimate, Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
Detail of works on the open line estimated to cost more than Rupees 10,000.		Rs.	Rs.	Rs.	Rs.
Electric Telegraph.					
Renewing 410 miles of wooden poles with galvanized iron poles from Madras to Beypore	Unsanctioned.	1,19,960	.....	24,600	
Total ...	.....	6,70,265	3,63,416	2,11,489	
Minor works	.....	92,308	.....	92,308	
Reserve to meet unforeseen requirements	.....	.....	....	33,054	
Total on lines open for more than two years ...	.....	7,62,573	3,63,416	3,36,851	3,36,851
Madras Central Station...	29th July 1867 and 17th April 1868.	6,22,604	3,20,732	1,50,936	
Watering arrangements at the New Central Station	Unsanctioned.	11,028	.....	11,028	
Altered and additional works do. do.	Do.	22,905	7,635	15,270	
Total ...	.....	6,56,537	3,28,367	1,77,234	1,77,234
Unopen lines and lines open less than two years.					
Neilgherry Branch Line	Unsanctioned.	16,50,000	.....	8,25,000	
Do. Stations	Do.	1,69,830	.....	84,915	
Total ...	.....	18,19,830	.....	9,09,915	9,09,915
Establishments	.....	.....	.....	3,55,000	
Stores	.....	.....	.....	6,68,000	10,23,000
Total Expenditure per Budget Estimate ...	.....	.....	.....	.....	24,47,000

Madras, 17th August 1869.

(Signed) A. K. THOMSON, *Chief Accountant.*

(Signed) R. B. ELWIN, *Agent and Manager.*

(Signed) J. G. LINDSAY, Captain, R.E., *Actg. Depy. Consg. Engr. for Railways.*

Form B.

Budget Estimate of Expenditure out of Guaranteed Capital on the North-West Line, Madras Railway, during 1870-71.

Nature of Work.	No. and date of sanction.	Amount of Estimate, Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
Detail of works on the open line estimated to cost more than Rupees 10,000.		Rs.	Rs.	Rs.	Rs.
1st Division, North-West Line.					
Watering arrangements at Tripetty	Unsanctioned	9,800	3,268	6,532	
Do. at Reddipully	Do.	7,802	2,600	5,202	
Do. at Wontimettah	Do.	7,802	2,600	5,202	
Total ...	.....	25,404	8,468	16,936	
Minor works	.....	59,098	.....	59,098	
Reserve to meet unforeseen requirements	.....	.....	.....	4,724	
Total on line open for more than two years ...	.....	84,502	8,468	80,758	80,758
Unopen lines and lines open less than two years.					
Moodanoor to Tadputry maintenance of Way and Works	.....	97,200	76,950	20,250	
Tadpatry to Ghooty do.	.....	89,160	29,720	44,580	
Watering arrangement at Royalchervoo Station	Unsanctioned	12,300	.....	12,300	
District No. 11, Section I ,, ...	31st July 1867 and 20th October 1868.	5,03,515	4,53,164	50,351	
Do. ,, 11, do. II	4th and 10th Sept. 1867, 20th Oct. 1868, and 8th May 1868.	6,29,825	5,66,843	62,982	
Goondacul Station	Unsanctioned	1,19,242	1,07,318	11,924	
District No. 12	20th Nov. 1867, 20th Oct. 1868, 5th Nov. 1868, 22nd Dec. 1868, 21st Feb. 1868, and 4th March 1867.	6,40,836	5,76,752	64,084	
Jalderash Station	9th April 1869	45,263	26,746	18,517	
District No. 13	3rd December 1868 ...	5,82,539	3,44,228	2,38,311	
Bellary Station	17th May 1869 and 28th April 1869.	3,43,025	2,02,696	1,40,329	

Budget Estimate of Expenditure out of Guaranteed Capital on the North-West Line, Madras Railway, during 1870-71.—(Concluded.)

Nature of Work.	No. and date of sanction.	Amount of Estimate, Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
Detail of works on the open line estimated to cost more than Rupees 10,000.		Rs.	Rs.	Rs.	Rs.
Unopen lines and lines open less than two years.—(Concluded.)					
District No. 14	19th March 1869 ...	5,78,530	4,45,021	1,33,509	
Nuncherla Station	Not sanctioned ...	51,342	39,494	11,848	
Do. ,, 15	10th Nov. 1868 ...	5,39,724	4,15,172	1,24,552	
Auspree Station	Not sanctioned ...	58,610	45,085	13,525	
Do. ,, 16	9th Feb. 1869 ...	5,96,848	4,59,114	1,37,734	
	April 1869.				
Do. ,, 17	27th May 1869 and 29th October 1869.	5,59,166	4,30,127	1,29,039	
Adoni Station	Not sanctioned ...	65,292	50,224	15,068	
Do. ,, 18	24th Sept. 1868 and 9th March 1869.	6,48,230	4,98,638	1,49,592	
Kosgee Station	Not sanctioned ...	63,292	48,686	14,606	
Do. ,, 19	Do. ...	9,15,464	7,04,203	2,11,261	
Do. ,, 20	1st June 1869 ...	7,85,308	3,32,245	3,62,449	
Mutmerri Station	Not sanctioned ...	55,288	23,391	25,517	
Electric Telegraph.					
Ghooty to Raichore	20th May 1867... ...	32,973	26,072	6,901	
Junction to Bellary	Do. ...	11,532	9,119	2,413	
Total ...		80,24,504	59,11,008	20,01,642	20,01,642
....	....	.....	.....	2,57,600	2,57,600
....	....	.....	.....	.....	.....
....	....	.....	.....	.....	23,40,000
Establishment	....	.....	.....	.....	
Stores	....	.....	.....	.....	
Total Expenditure per Budget Estimate ...					

MADRAS,
17*th August* 1869.

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) J. G. LINDSAY, Captain, R.E.,
Actg. Depy. Consg. Engr. for Railways.

Proceedings of the Madras Government, Public Works Department, 2nd November 1869.

FORM A.

Great Southern of India Railway.

Name of Work, Location, &c.	Amount of Estimate. Indian outlay.	English outlay.	Total.	Brief Particulars of the Work.
	Rs.	Rs.	Rs.	
Negapatam Coal-shed	15,000	.....	15,000	Required to store coal.
Alteration of curve at 79th mile.	20,000	.....	20,000	Existing 16 chains curve is found to wear the flanges of wheels, and a flatter curve is wanted to avoid this as well as the delays from having to slacken speed.
Total ...	35,000	.....	35,000	

MADRAS,
30*th September* 1869.

(Signed) J. G. LINDSAY, Captain, R.E.,
Actg. Depy. Consg. Engr. for Railways.

FORM B.

Budget Estimate of Expenditure out of Guaranteed Capital on the Great Southern of India Railway, during the year 1870-71.

Nature of Work, &c.	Number and date of sanction.	Amount of Estimate, Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
		Rs.	Rs.	Rs.	Rs.
Permanent station at Needamungalum	5th May 1864. 6th Oct. 1866.	13,000	.....	13,000	13,000
Unsanctioned Works.					
Coal-shed at Negapatam	.....	15,000	.....	15,000	
Alteration of curve at 79th mile ...	.....	20,000	.....	20,000	35,000
Minor works	.....	.....	.....	17,226	
Reserve to meet unforeseen requirements	.....	.....	.....	10,000	27,226
Rolling Stock	.....	1,92,500	83,500	1,09,000	1,09,000
Establishment	.....	.....	.....	45,774	
Stores	.....	.....	.....	8,000	53,774
Total estimated cash advances...	.....	.....	.....	.....	2,38,000

MADRAS,
30*th September* 1869.

(Signed) J. G. LINDSAY, Captain, R.E.,
Actg. Depy. Consg. Engr. for Railways.

No. 24. ORDER THEREON, 2nd November 1869, No. 3,497.

RAILWAY, No. 2.

WITH this letter the Consulting Engineer for Railways submits the Budget of expenditure proposed to be incurred from State Funds and Guaranteed Capital during 1870-71.

I.—State Expenditure.

2. The estimated expenditure under this head amounts to Rupees 2,03,700 against Rupees 1,04,160 of 1869-70. This excess is almost wholly due to the land which will have to be taken up for the Neilgherry Branch of the Madras Railway. The estimate of Rupees 2,03,700 is accordingly passed.

		Rs.
Controlling Establishment ...	...	65,400
Compensation for land ...	...	1,38,300
		2,03,700

II.—Advances on account of Guaranteed Capital.

3. The total estimated outlay of 1870-71 from Guaranteed Capital is as follows :—

	Gross Advances	Less Refunds.	Net Advances.	Estimated outlay in England.
	Rs.	Rs.	Rs.	Rs.
South-West Line, including Bangalore Branch...	24,47,000	9,40,000	15,07,000	19,18,000
North-West Line...	23,40,000	3,50,000	19,90,000	11,62,000
Great Southern of India Railway	2,38,000	1,85,000	53,000	...
Total ...	50,25,000	14,75,000	35,50,000	30,80,000

4. It is observed that the chief expenditure on the South-West Line will be on the Neilgherry Branch, on the Central station at Madras, on the Kuddlehoondy bridge, and on works at the Locomotive shops at Perambore. On the North-West Line the outlay will be principally on the completion of the branch to Bellary, and on the extension from Ghooty to the Raichore junction.

5. The estimate of net advances for 1870-71, amounting to Rupees 35,50,000, is passed.

III.—Estimate of Traffic Earnings.

6. In concurrence with the views expressed by the Deputy Consulting Engineer in paragraphs 11 to 14, the following is accepted as the estimate under this head for 1870-71 :—

	Gross Earnings.	Working Expenses.	Net Revenue.
	Rs.	Rs.	Rs.
Madras Railway. {South-West Line, including Bangalore Branch ...	47,00,000	21,15,000	25,85,000
{North-West Line	20,00,000	7,60,000	12,40,000
Great Southern of India Railway	9,00,000	4,50,000	4,50,000
Indian Tramway Company's Line	55,000	43,000	12,000
Total ...	76,55,000	33,68,000	42,87,000

7. With these remarks the Budget Estimates will be forwarded to the Government of India.

(Here enter No. 3,498, dated 2nd November 1869.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.
,, Accountant-General.
,, Controller of Public Works Accounts.

Exd. E. C. Shunker.

Govt. of {1869} Madras

PUBLIC WORKS.

To

THE CONSULTING ENGINEER FOR

RAILWAYS.

&c., &c., &c.

Dated November, 2nd.

Recd. Encl.

G. O., 2nd November 1869, No. 3,497.

OCTOBER

Nos. 23-24

Budget Estimates (Railway).—Passing orders on the Budget Estimates of the Railway Department for 1870-71.

Encl. 2 to Do.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *2nd November* 1869.

No. 25.

No. 3,498.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 3.

SIR,—I am directed to forward, for submission to the Government of India, the Budget Estimates of the Railway Department for 1870-71.

2. The following is an abstract of these estimates so far as they relate to expenditure in India:—

State Outlay.	RS.
Controlling Establishment	65,400
Compensation for land	1,38,300
	2,03,700
Expenditure from Guaranteed Capital.	
Madras Railway	47,87,000
Great Southern of India Railway	2,38,000
	50,25,000
Deduct receipts by sale of stores, &c., to be credited to Capital	14,75,000
Balance...	35,50,000

3. The estimated outlay in England from Guaranteed Capital on the Madras Railway is Rupees 30,80,000.

4. The traffic earnings on these lines and on the Tramway from Arconum to Conjeveram are estimated as follows :—

	RS.
Madras Railway	67,00,000
Great Southern of India Railway	9,00,000
Indian Tramway	55,000
	76,55,000
Less Working Expenses...	33,68,000
Net Revenue...	42,87,000

I have the honour to be,
Sir,
Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Erd. E. C. Shunker.

Govt. of Madras. 1869.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA.

Dated November, 2nd.

Recd. Encl.

G. O., 2nd November 1869, No. 3,498.

NOVEMBER.

No. 25

Budget Estimates of the Madras Railway Department for 1870-71, forwarded to the Government of India with remarks.

...the South West Line Madras Railway during 1870-71

Amount of Estimate Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.	
6	6	6	6	
27.204	"	27.204		
42.277	39034	3.243		
35,032	33.280	1,752		
11.312	5.656	5,656		
12.335	6.168	6.167		
83.075	41.538	41.537		
3.343	"	3.343		
10.895	"	10.895		
22.194	19.975	2.219		
30.502	27.452	3.050		

Nature of Work	Number and date of sanction	Amount of Estimate Indian Expenditure.	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.	
2d Division S. I. Line - (Baugalore Branch)						
Two sidings each 500 ft. long at Sollarpet	Unsanctioned.	3.392	"	3.392		
Salt Godown & Laybye at Colar Road	do	6.708	"	6.708		
Goods shed & Siding at Codgody	do	11.135	"	11.135		
3d Division S. I. Line.		36.386	34.566	1.820		
Circular Engine shed at Coimbatore	Sch: 2. 3d Decr: 1866	4.161	3.745	416		
Additional siding required by the Traffic Departt. at Coimbatore	Sch: 2. 16th Febry. 1869	202.917	144.937	57.980		X
4th Division S. I. Line.						
Kuddlehoondy Bridge	Sch: 2. 7th May 1869.	7.437	7.065	372		
Introducing two additional strands into the wire fencing	" 2. 4th Augt 1868.					
Electric Telegraph.		24.600	"			
Renewing 410 miles of wooden poles with Galvanized Iron poles from Madras to Beypoor	Unsanctioned.	1.19.960				
Total		~~6.70.265~~ 5.74.905	3.63.416	2.11.489		
Minor Works		92.308	"	92.308		
Reserve to meet unforeseen requirements	- - - - - - - -	"	"	33.054		
Total on lines open for more than two years	- - - - - - - -	~~669.213~~ 7.62.573	3.63.416	3.36.851	3.36.851	
Madras Central Station	29th July/67 & 17th Apl. 1868.	6.22.604	3.20.732	1.50.936		
Watering arrangements at the M. C. Station	Unsanctioned	11.028	"	11.028		
Altered & additional Works	do	22.905	7.635	15.270		
	do	656537	328367	1.77.234	1.77.234	
Total					5.14.085	

Carried forward

Nature of Work	Number and date of Sanction	Amount of Estimate Indian Expenditure	Estimated Expenditure up to 31 March 1870	Estimated Expenditure in 1870-71	Total. 13	
					5,14,085.	
Brought forward —						
Unopen Lines and Lines open less than two Years.						
Neilgherry Branch Line	Unsanctioned	16,50,000	"	825,000		
do Stations	do	1,69,830	"	84,915		
Total		18,19,830	"	9,09,915	9,09,915.	
Establishments			"	355,000		
Stores			"	668,000	10,23,000.	
Total Estimated Cash advances Rupees				15,14,000		
Total Expenditure per Budget Estimate —					24,47,000.	

Madras
17th August 1869

A. K. Thomson
Chief Accountant.

J. A. Hindley Capt. R.E.
A. D. C. Consl. Engr. for Railways.

Agent and Manager.

Compared by.
Addn. Chd by.

Form D.

Budget Estimate of expenditure out of guaranteed Capital on the North West Line Madras Railway during 1870-71.

Nature of Work.	Number and date of Sanction.	Amount of Estimate Indian Expenditure	Estimated Expenditure up to 31st March 1870.	Estimated Expenditure in 1870-71.	Total.
Detail of works on the open line estimated to Cost more than Rupees 10,000.					
1st Division N. W. Line.					
Watering arrangements at Tripetty	Unsanctioned.	9,800	3268	6532	
——do—— Reddipully	do	7,802	2,600	5,202	
——do—— Bontimettah	do	7,802	2,600	5,202	
Total		25,404	8,468	16,936	
Minor Works		59,098	"	59,098	
Reserve to meet unforseen requirements		"	"	4,724	
Total on Line open for more than two years		84,502	8,468	80,758	80,758
Unopen lines and lines open less than two years.					
Moodanoor to Sandpatri Maintenance of Way and Works		97,200	76,950	20,250	
Sandpatri to Ghooty ——do——		89,160	29,720	44,580	
Watering arrangement at Royalcherroo Station	Unsanctioned	12,300	"	12,300	
District No II Section I	31st July/67 & 20th Oct. 1868	503,515	453,164	50,351	
——do—— " II " II	4th Sept/64. 10th Sept. 1867 20th Oct/68. & 8th May 1868.	629,825	566,843	62,982	
Goondacul Station	Unsanctioned	119,242	107,318	11,924	
Carried forward					80,758

Nature of Work	Number and date of Sanction.
	Brought forward —
District № 12	20ª Novr/67. 20ª Octr/68. 5ª Novr/68. 22ª Decr/68. 21ª Febry/68. & 4ª Mar/69
Salderash Station	9ª April 1869
do 13	3ª December 1868.
Bellary do	17ª May/69 & 28ª April 1869.
do 14	19ª March 1869
Nuncherla do	Not sanctioned
do 15	10ª November 1868
Auopree do	Not sanctioned
do 16	9ª Febry/69 & 29ª Apl/69
do 17	27ª May/69 & 20ª Octr/68
Adoni do	Not sanctioned
do 18	24ª Sept/68 & 9ª Mar/69.
Kosgee do	do
do 19	do
do 20	1st June 1869
Mutmerri do	Not sanctioned
Electric Telegraph.	
Ghooty to Raichoor	20ª May 1867
Junction to Bellary	do
Total	
Establishment	
Stores	

Total Estimated Cash Advances Rupees

Total

Madras
17ª August 1869

Compared by [illegible]
Dd. [illegible]

A Thomson
Chief Accountant.

Form

Budget Estimate of expenditure out of guaranteed Capital

Nature of Work.	Number and date of Sanction.
Detail of works on the open line estimates to cost more than Rupees 10,000.	
Madras Terminal Station.	
Engine shed, Tank House &c	Unsanctioned
Salt Cotaur Branch.	
Traffic Requirements	Sch: 2. 27/11/68.
Perambore Works.	
Locomotive Requirements	Sch: 2. 23ª Septr. 1868
Store Shed	" 2. 7ª May 1869
Renewing roof of timber shed	" 2. 31 March 1869
Extension of Engine erecting and Boilers shop	" 2. pending sanction
Additional Permanent Way	Unsanctioned
New Smithy	do
2nd Division S. M. Line (Bangalore Branch)	
Dwelling Houses required for the Native Staff of the Traffic Department at Sollarpett	Sch: 2. 5ª Jany: 1869
Protective Works to Culverts and Bridges Bangalore Branch	" 2. 27ª Octr: 1868

A.

of Estimate. English outlay.	of Estimate. Total.	Brief particulars of the work, its object &c.
13.046	40.250	These are extra works which will be required by the Loco. Department at this Station to meet increase Traffic.
30.000	33.343	Extra lines required for standing room.
6.105	17.000	A necessary work in connection with the Loco. Shops.
36.431	68.781	Arches defective. Proposed to take them down and substitute Girders.
7.731	11.123	To provide for increase of Traffic.
5.771	12.479	——do—— ——do——
6.747	17.882	——do—— ——do——
~~6.28,111~~ 1,884,333	~~6.28,111~~ 3,006,663	It is proposed to relay the entire line with an Iron road. The English outlay falls on both Capital & Revenue in the proportion laid down in G.O. of Madras 155 & 495 of 25th March and 27th August 1860. The Indian outlay will be entirely to Revenue.
282.250	402.210	* Iron poles are proposed in substitution of wood.
5.732	16.760	To provide for the necessary sanatory arrangements.
200	10.000	Present supply of water insufficient.
2.698	10.500	——do——
2698	10.500	To watering arrangements in efficiency at this Station.

* Here the improvement that is the difference between the cost of a teak wood and an iron post will be a charge to Capital, and the Indian outlay as for a Cate and Carriage are concerned to Rev

Form

Name of Work, Location &c.	Amount Indian outlay
Madras Terminal Station.	
Engine Shed, Tank House &c.	27.204
Perambore Works.	
Additional Permanent Way	3.343
New Smithy	10.895
1st Division S.W. Line.	
Renewing smaller openings of Polar Bridge with girders	32.350
2d Division S.W. Line (Bangalore Branch)	
Two sidings each 500 feet long at Sollarpett	3.392
Salt Godown and Layby at Colar Road	6.708
Goods shed and siding at Cadgody	11.135
3rd & 4th Division S.W. Line.	
Renewing Iron road between Erode and Beypoor with Pot Sleepers	~~1,77,330~~ 1,77,330
Electric Telegraph.	
Renewing 410 miles of wooden poles with Galvanized Iron poles from Madras to Beypoor	1.19.960
Madras Central Station.	
Watering arrangements	11.028
1st Division S.W. Line.	
Watering arrangements at Tripetty	9.800
——do—— Reddipully	7.802
——do—— Bontinettah	7.802

No. 4.

Madras Railway

Budget Estimate

1870/71

Forms A & B.

Madras
17 August 1869

Amount of Estimate. Indian Expenditure.	Estimated Expenditure up to 31 March 1870.	Estimate Expenditure in 1870-71.	Total.
			80,758.
6,40,836	5,76,752	64,084	
45,263	26,746	18,517	
5,82,539	3,44,228	2,38,311	
3,43,025	2,02,696	1,40,329	
5,78,530	4,45,021	1,33,509	
51,342	39,494	11,848	
5,39,724	4,15,172	1,24,552	
58,610	45,085	13,525	
5,96,848	4,59,114	1,37,734	
5,59,166	4,30,127	1,29,039	
65,292	50,224	15,068	
6,48,230	4,98,638	1,49,592	
63,292	48,686	14,606	
9,15,464	7,04,203	2,11,261	
7,85,308	3,32,245	3,62,449	
55,288	23,391	25,517	
32,973	26,072	6,901	
11,532	9,119	2,413	
80,24,504	59,11,008	20,01,642	20,01,642
"	"	2,57,600	2,57,600
"	"	"	
		~~22,60,000~~	

Expenditure per Budget Estimate — Rs. 23,40,000

J. A. Hindley Capt. RE
A. D. C. Consg. Engr. for Railways

Agent & Manager.

Railway Department Consulting Engr. Office

No. 525. 19

From

Captain J. G. Lindsay R. E.

Acting Deputy Consulting Engr.

for Railways

To

Colonel C. A. Orr R. E.

Secretary to Government

Public Works Department

Fort Saint George.

Sir,

I have the honour to forward the Budget Estimate for 1870-71 of State expenditure, and of expenditure from Guaranteed Capital, on the Madras and Great Southern of India Railways, and of Revenue receipts and expenditure on both those Railways with the Indian

Tramway

Tramway Company's line added thereto.

2. Controlling Establishment.— The estimate for the establishment of control is Rupees 200 in excess of the estimate for 1869-70. This is on account of the Examiner of Railway Accounts having drawn his increased salary for ten months only of 1869-70.

3. Compensation for Land.— The total estimated amount for compensations to be paid for land for each Railway is as follows:—

Madras Railway	South-West line	Rupees 113,450
	North-West line	3,400
Great Southern of India Railway		21,450
Total Rupees		138,300

4. On account of the South-West line of the Madras Railway, the expenditure will be chiefly for land required for the Neilgherry Branch,

and on the Great Southern of India Railway, for altering the curve at the 78$\frac{th}{4}$ mile.

Madras Railway.

5. The total estimated outlay for 1870-71 from Guaranteed Capital stands as follows:—

	South-West line	North-West line	Total
Gross advances	24,47,000	23,40,000	47,87,000
Less refunds	9,40,000	3,50,000	12,90,000
Net Advances	15,07,000	19,90,000	34,97,000

6. The regular estimate for the current year, deducting the amount

of probable credits to the capital account, for sale proceeds of stores, and value of stores used on Revenue purposes, is set down as follows:—

South-West line — Rupees 550,000
North-West line — " — 16,35,000

7. This is estimated, with a very slight alteration, on the actual payments made during the past five months (April to August).

8. The expenditure on the Neilgherry Branch, will absorb more than one third of the estimated outlay on the South-West line, during 1870-71. The balance will be expended chiefly on additional Rolling stock, the Central station at Madras, the Kuddalehoondy Bridge, and on new works at the Locomotive shops at Perambore.

9. The expenditure during 1870-71 upon the North-West line, will be chiefly incurred on the branch line to Bellary, which it is hoped will be completed during that official year, and in the prosecution of the works from Gooty towards the Raichore Junction. The maintenance charges, for the following portions of the line, will be debited to Capital during the year.

From Moodanoor to Tadpatri (32 miles) for 6 months
" Tadpatri to Gooty (30 miles) full year.

10. As vigorous measures will be adopted during the course of the next official year, to open the line to

to the Raichore Junction, the probable expenditure during 1870-71, is expected to exceed the allotment made in the current year's Budget.

11. The working expenses of the South-West and North-West lines for the last five half-years, have been as follows:—

	South-West line	North-West line
First half of 1867	44·02	31·39
Second do	46·00	40·47
First do 1868	42·95	31·27
Second do	44·93	37·72
First do 1869		

12. The Railway authorities have estimated the working expenses for 1870-71 for the South-West, and North-West lines, at 53·04 for the former, and 38·06 for the latter; but, taking the percentages for the last five half-years as they stand above, those for the ensuing official year for the South-West line may safely be taken at 45·00. The percentages of the North-West line, may be taken in round figures at 38·00.

13. The Railway authorities have estimated the gross earnings during 1870-71, at Rupees 45,00,000 — South-West line, Rupees 19,50,000 North-West line; but considering that the gross earnings realized from April to August 1869 amounted to Rupees 18,89,878 South-West line, and Rupees 7,33,660 North-West line, it may fairly be assumed that the gross revenue during the year will amount in round numbers to Rupees 47,00,000

South-

South-West line, Rupees 20,00,000 on
North-West line, as some expansion
of traffic on the lines may be expected,
more particularly on the North-West
line, where a further length of 30 miles
has been opened. The conveyance of
material to the Neilgherry Branch
will also tend to increase the revenue
of the South-West line. These
figures are accordingly entered
in the estimate.

Great Southern of India Railway.

14. The estimate of expenditure
on the Great Southern of India Railway
as

as furnished by the Agent amounts to

Rupees — 2,38,000

Advance 1870/71

less refunds — " — 1,85,000

Net — " — 53,000

this as compared with the Indian
expenditure for 1869-70, is less by
Rupees 2,22,000, and the estimate
has been accepted.

15. The Government of
India estimated Rupees 8,00,000, as
the gross receipts for 1869-70. The
regular estimate submitted by the
Agent amounts to Rupees 7,42,560,
which appears to have been calculated
on the traffic earnings for the first
five months of the current year
(April to August), but allowing

for

for some increase of traffic, Rupees 8,00,000 may safely be taken as the probable amount of the gross earnings.

16. The revenue receipts during 1870-71, are estimated by the Railway authorities at Rupees 9,00,000 which is accepted.

17. The working expenses for 1870-71 are calculated at 50 per cent of the gross earnings, and as it is known that during the first half of the current year they have been much higher than usual, the estimate of the Agent is taken.

Indian Tramway Company

18. The Guaranteed Capital of the Indian Tramway Company's line, is exhausted.

19. The gross earnings during 1870-71, are estimated at Rupees 55,000, the working expenses at 43,000.

20. The regular estimate of revenue for 1869-70, is entered at Rupees 55,000, computed from the results of the past five months; and the working expenses at Rupees 46,000.*

* 81·82 per cent of gross earnings.

21. The amounts requiring the sanction of the Government of India are as follows:—

State Expenditure

	Rupees
Controlling Establishment (in round numbers)	65,400
For purchase of land	1,38,300
	2,03,700

Expenditure from Guaranteed Capital in India

Madras Railway	South-West line	24,47,000
	North-West line	23,40,000
Great Southern of India Railway		2,38,000
		50,25,000
Deduct receipts by sale of stores, &c., to be credited to Capital		14,75,000
Balance Rupees		35,50,000

The traffic earnings will be from the

		Rupees
Madras Railway	South-West line	47,00,000
	North-West line	20,00,000
Great Southern of India Railway		9,00,000
Indian Tramway Company		55,000
		76,55,000
Deduct working expenses on all the Railways		33,68,000
Net Revenue Rupees		42,87,000

I have the honour to be,
Sir,
Your most obedient Servant.

Madras
30th September
1869

J. F. Hindley Captain R.E.
Ag. Dy. Cons: Engineer
for Railways.

P.W.D. 73

No 3497 3497 29

Proceedings of the Madras Government.
Under date the 2nd Novr 1869
Read the following:-

From the Actg: Dy Consg Engr for Railways, to P.W. Sr No 325 of 30th Septr 1869

With this letter the Consg: Engineer for Railways submits the Budget of expenditure proposed to be incurred from State funds and guaranteed Capital during 1870.1.

I. State Expenditure.

The estimated expenditure under this head amounts to Rs: 2,03,700 against Rs: 1,04,160 of 1869-70. This excess is almost wholly due to the land which will have to be taken up for

the

P.W. Dept
Proceedings of Govt for November
No 4 / 69.

From

The Actg Dy Consulting Engr for Railways.

To

The Secretary to Govt
P.W. Dept

Dated 30th Septr
Recd 2nd Octr 1869.

No 325
Encls: 6

Forwarding the Budget Estimate for 1870-71.

No 3497 2nd Novr 1869.

No 3498.

No 23

c. 16. Octo/69 @ 23rd

the Neilgherry Branch of the Madras Railway. The estimate of Rs: 2,03,700 is accordingly passed.

II. Advances on account of Guaranteed Capital.

The total estimated outlay of 1870-1 from guaranteed Capital is as follows:-

	Gross Advances.	Less Refunds.	Net Advances.	Estimated outlay in England.
South West Line. Including Bangalore Branch	24,47,000	9,40,000	15,07,000	19,18,000
North West Line	23,40,000	3,50,000	19,90,000	11,82,000
Great Southern of India Railway	2,38,000	1,85,000	53,000	—
Total	50,25,000	14,75,000	35,50,000	31,00,000

It is observed that the chief expenditure on the South West Line will be on the Neilgherry branch, on the Central Station at Madras, on the Kuddlehoondy bridge and on works at the Locomotive shops at Perambore. On the North West Line the outlay will be principally incurred on the completion of the branch to Bellary and on the extension from Ghooty to the Raichore junction.

The estimate of net advances for 1870-1, amounting to Rs: 35,50,000 is passed.

III.

III. Estimate of Traffic Earnings.

In concurrence with the views expressed by the Dy: Coal Engineer in paras 11 to 14, the following is accepted as the estimate under this head for 1870-1.

	Gross Earnings.	Working Expenses.	Net Revenue.
Madras Railway. South West Line. Including Bangalore Branch.	47,00,000	21,15,000	25,85,000
North West Line.	20,00,000	7,60,000	12,40,000
Great Southern of India Railway.	9,00,000	4,50,000	4,50,000
Indian Tramway Company's Line.	55,000	43,000	12,000
Total	76,55,000	33,68,000	42,87,000

With these remarks the Budget estimates will be forwarded to the Govt: of India.

76/4

To The Comrs Dy's for Railways ✓
" Accts General ✓
" Controller ✓

Desp: 5/11/4.

3498 29

No 3498

To

The Secretary to the
Govt: of India.

Sir,

I am directed to forward for submission to the Govt: of India the Budget estimates of the Railway Department for 1870-1

The following is an abstract of these estimates so far as they relate to expenditure in India.

State railway.

Controlling Establishment. Rs: 65,400
Compensation for Land - " 1,35,300

Rs: 2,03,700

&c.

Expenditure from guaranteed Capital.

Madras Railway	Rs: 47,87,000
Great Southern of India Railway -	2,38,000
	50,25,000
Deduct receipts by Sale of Stores to be credited to Capital -	14,75,000
Balance	35,50,000

The estimated outlay in England from guaranteed Capital is Rs: 30,80,000 on the Madras Railway.

The traffic earnings on these lines, and on the Tramway from Arconum to Conjeveram are estimated as follows:-

Madras

Madras Railway	Rs: 67,00,000
Great Southern of India Railway -	" 9,00,000
Indian Tramway	" 55,000
	76,55,000
Less working Expenses -	33,68,000
Net Revenue	42,87,000

Fort St George
2nd Nov^r 1869

Desp^h 5/11/69 with 35 Copies of the G.O. no 3497 of 1869

Cue 4188

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Consulting Engr.
for Railways

Dated

Recd. Encl. 6

G. O. 2nd Nov. 1869, Nos 3497 &
3498.

Nos. 23-24 & 25

Budget estimates [By] Passing orders
on the Budget Estimates of the Railway
Department for 1870-71.

Budget Estimates [&c] of the Railways
Department for 1870-71, forwarded
to the Govt. of India with remarks